

THE NEW TRAIL



19summer66



NEW FILMS

ADVENTURES OF AN *

10 min. color - rental \$2.50

THE HOLE

15 min. color - rental \$3.85

STYLES OF LEADERSHIP

25 min. black & white - rental \$3.50

OF TIME, WORK, AND LEISURE

28 min. black & white - rental \$4.00

THE CHILD OF THE FUTURE:

How He Will Learn.

58 min. black & white - rental \$2.60

The life of an average human being as symbolized by the figure *. As * grows his ability to see and enjoy life is reduced by the dull routine frustrations of everyday living. When he becomes an adult he is unable to react freely to the world about him. He neither sees nor finds pleasure in new things until, through his own child, he reawakens to see the world anew.

An animated fantasy about moles, missiles, and mankind. The possibility of a final, fatal nuclear explosion is compellingly evoked in this vital but witty film. Two construction workers, in a hole, argue about accidents of different kinds. When there is an accident on the job the two men first interpret the sound as a bomb explosion.

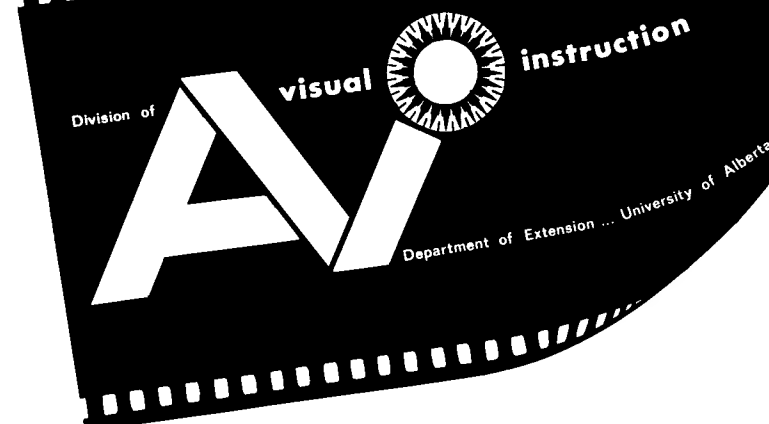
Presents a common business problem handled by four different types of leaders. The first executive tells his men exactly what to do and how to do it, the second leader sells the group on doing a good job, the third consults with his men to get their recommendations, while the fourth leader permits his men to join him in making the decision.

A documentary presentation of the concepts set forth in Sebastian de Grazia's provocative study by the same name. In our work-oriented, clock-dominated society we have won "time-off" but we have lost the ability to appreciate true leisure. National Educational Television.

The film examines some of the ways in which technology is being used in the classroom. Shows how schools and colleges are shedding their traditional apathy to machines and are now exploiting all manner of mechanical and electronic aids. The film provides the opportunity to observe the child's actual encounter with these new devices and to draw conditions as to their effect on the process

.. Dr. Marshall McLuhan is host and narrator of program.

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THE NEW TRAIL



19summer66

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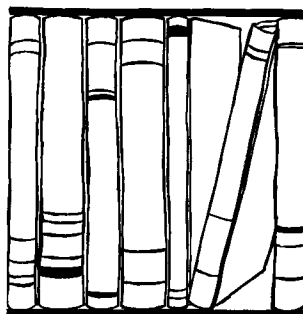
Departments

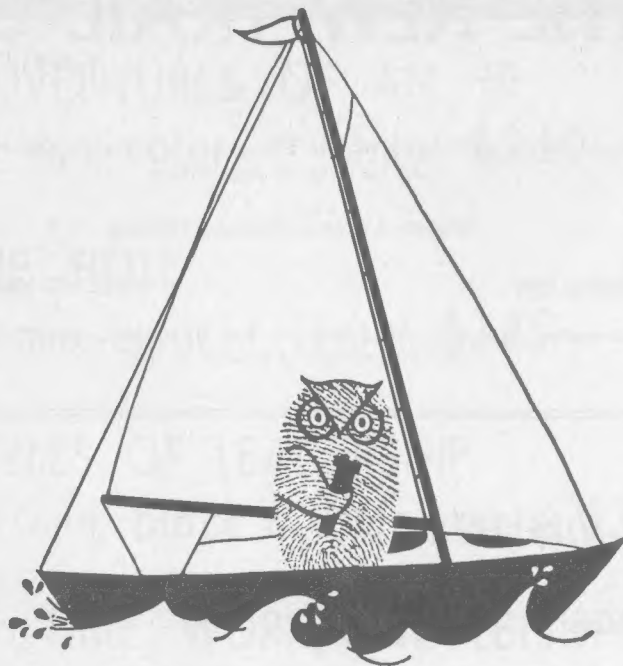
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THE NEW LOOK!!!

The new look "book" cover of The New Trail provides an introduction and a reminder. It is our pleasure to acknowledge the work of Professor R. W. (Bob) Sinclair, of the Fine Arts department, who will continue to serve as magazine art editor in subsequent issues.

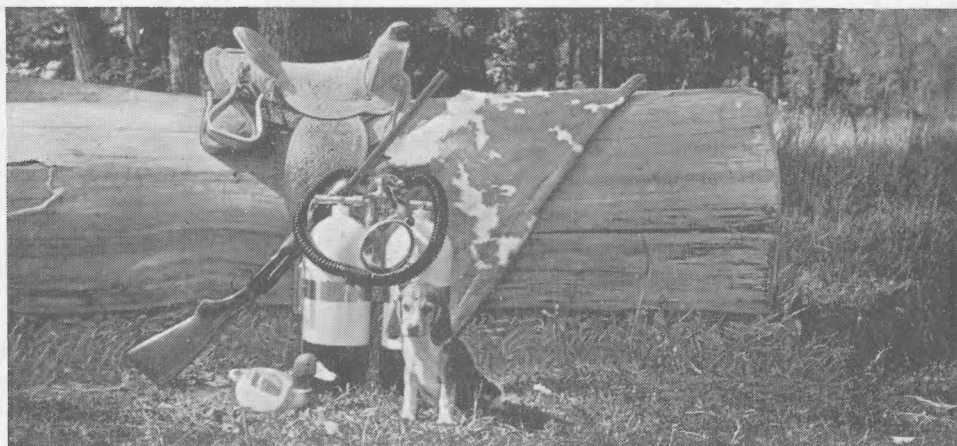
Books, in a row, are a reminder that since 1960 Alumni gifts have placed \$53,000 worth of books on campus library shelves in Edmonton and Calgary. Much of this munificence is attributable to the generosity of graduates like those whose names appear on the Contributors' Roll elsewhere in this issue.





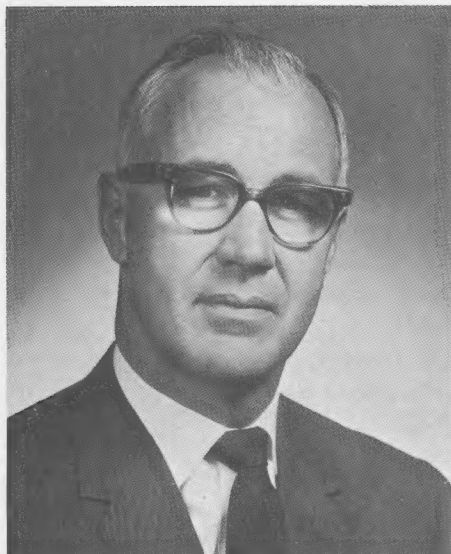
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THE NEW CHAIRMAN OF THE BOARD

A medical graduate of the University who has distinguished himself in the field of hospital administration, Dr. John E. Bradley, has been named the new chairman of the Board of Governors of The University of Alberta.

Dr. Bradley obtained his medical degree from The University in 1940, and served with the R.C.A.F. during World War II. In 1946 he founded the Wainwright Medical Clinic, and in 1960 was appointed medical officer and manager of the Medical Services Department of Medical Services (Alberta) Incorporated. In 1964 Dr. Bradley became executive director of the Glenrose Provincial General Hospital in Edmonton.

From 1964 to date, Dr. Bradley, representing the General Alumni Association, has been an ex-officio member of the Senate and Board of Governors of the University. A recent appointment has him serving on an advisory committee on nursing and nursing education to the Minister of Health.



DR. ARDREY WHIDDEN DOWNS

Dr. Downs, who was a pioneer member of the staff of the Faculty of Medicine, died on July 10th, 1966.

He was born in Philadelphia in 1882 and received his early education in that city. He held the degrees of M.A. and M.D. from the University of Pennsylvania, qualifying in medicine in 1904. Dr. Downs engaged in general practice for a period following his medical training and later joined the staff of Temple University in Philadelphia.

In 1916 he came to Canada and was a member of the staff of the department of Physiology at McGill University from 1916 to 1920. During this period Dr. Downs carried out a research program dealing with the physiological aspects of gas warfare. He was awarded the degree of D.Sc. by McGill University in 1919.

In 1920 Dr. Downs was appointed Professor of Physiology and Pharmacology at the University of Alberta. He held this position until his retirement in 1949 when he was appointed Honorary Professor of Physiology and Pharmacology and later Emeritus Professor.

Dr. Downs was a Fellow of the American Academy for the Advancement of Science and the American College of Physicians. He was also a member of both the Canadian and American Physiological Societies.

During his twenty-nine years of service as Professor of Physiology and Pharmacology at the University of Alberta, Dr. Downs made many valuable contributions. He organized the teaching of the department and its equipment in the, then new, Medical building.

Dr. Downs had a particular interest in electrocardiography and supervised the installation and operation of the first electrocardiograph in Western Canada.

He was an excellent undergraduate teacher. In addition to his teaching activities, Dr. Downs took an active interest in faculty administration. He was for many years chairman of the admissions committee. He carried out this difficult assignment with fairness and thoroughness which was appreciated by his colleagues, particularly following World War II.

Dr. Downs possessed the qualities of intellectual honesty, a critical mind and the hallmarks of a gentleman which were appreciated by his students and colleagues. Mrs. Downs died in 1963. He is survived by his son, Dr. W. J. Downs, a specialist in tuberculosis, who is on the staff of the Aberhart Hospital, Edmonton.

THE UNIVERSITY BOOK STORE

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Since the granting of the Hudson's Bay Company's charter in 1670, traders, seamen and adventurers of the Company helped to shape the history of Canada. Since the establishment of the Bay's first department stores—Winnipeg in 1881 and Edmonton in 1890—the Bay has progressed with the country. Now, as in the past, the Bay continues to serve Canadians with foresight and integrity. Your satisfaction is assured when you shop at the Bay.

REPORT TO CONVOCATION

PART II

●
By Dr. Max Wyman
Vice-President, Academic

DURING THE PAST FEW YEARS, a wave of criticism of universities has swept the continent. We read articles on the flight from teaching, on mass mis-education, and attacks on the publish or perish policies of universities. Briefly stated, the contention is that the teaching function, which is a primary function of universities as it prepares its students for life, has suffered neglect because primary emphasis is being placed on the advancement of knowledge through research. In this vein, John Grandi has written:

"The true measure of status in a university has become freedom from teaching. A man may be still forced out into the world, and there he may be forced to teach a full schedule, but his regular presence in the classroom is proof of his professional failure. The really good ones, he knows, are not required to be there."

Although our system of higher education is still young, and is often wrong, it is being criticized for the wrong reasons. Such criticism is dangerous because it is an open invitation to the public to revolt against the supposedly appalling conditions in higher education. If left unanswered, these criticisms may well do serious damage to the major objectives of modern universities.

Even if we go back only to the year 1946, we will find that the importance of research was far from being understood, and, indeed, that the public image of this type of endeavour was one in which intellectual giants spoke only to each

other about ideas that were much beyond the understanding of the average human being. We have, for example, the completely false legend that, for many years, only four people in the world understood the Einstein Theory of Relativity.

Although the dropping of an atomic bomb on Hiroshima, on August 6th, 1945, was a tragic way to announce the birth of a new era, it did at least serve the purpose of making the thinking public aware of the major importance research would have in the welfare of the society in which we live. Indeed, in about a twenty year period, the financial support for research has risen from a trickle to a flood, and the world is now witnessing space programs costing many billions of dollars each year. With costs like these, it is little wonder that people are beginning to ask whether this frenzy for costly research is really necessary, and whether it is really worthwhile. Is it possible that the people of the world are being sold a bill of goods by a small, select, money-mad, group, who, although in universities, desire to build commercial type empires of their own? The answers to these questions are not too easily given.

An investment in research is an investment in the unknown. There is no way that one can assign an economic value, on an a priori basis, to the unknown. Even an examination of the history of research does not provide the conclusive answers which we would like to have before embarking on a costly voyage into the unknown. The history of research is a history of failure. It is

a history of the discoveries of adornments which have long since been discarded and forgotten. It is a history of human effort in which 99% of the work is seemingly, but not actually, wasted, and only 1% proven to be useful and productive. But with all this, it is a history in which every dollar invested has been returned a thousand fold. It is a history abounding in examples wherein research has transformed poverty into wealth. It is a history that has taught us that the greatest asset of a modern nation is its trained brain power.

The unpredictability of where success, through research, will lie, and the predictability that such success will certainly exist, means that a nation can maintain and increase its standards of living only by advancing its research efforts on all fronts. For a university, this means that major emphasis must be placed on the advancement of knowledge, and it must teach students how this is accomplished, so that a country like Canada will have the trained brain-power it so desperately needs.

For those groups of people who are interested in the creation of new universities in Alberta, let me outline what it now means to be a major university with an enrollment of more than 10,000 students in general, and 1,000 graduate students in particular.

It means, among other things, a building program of about 25 million dollars this year, a program that will see the completion of the Social Sciences Building, a beginning on the long awaited Biological Sciences Building, a start on the Clinical Sciences Building, a start on a new Student Union Building, and a host of other projects in various stages

It was our pleasure to reproduce in full the text of Dr. Wyman's Report to Convocation, Part I, in the spring issue of *The New Trail*.

We are confident that our readers will follow avidly Dr. Wyman's observations and conclusions with respect to the state of University affairs as delineated in his Report to Convocation, Part II.

of development. It means an annual expenditure of about 3 million dollars in equipment, and 2 million dollars to maintain a library. It means the initiation of a major post-doctoral fellowship program in which, for the first time, the men and women in the humanities, social sciences, and education will receive support on equal footing with their brothers and sisters in the physical and biological sciences. It means the bringing each year of 100 or more visitors to our campus from 70 or more countries, and the sending of an equal number of our staff to visit the same or different countries.

Let me say what being a major university means in terms of people. It means that we must have a McCalla in graduate studies, a MacKenzie in medicine, a Gunning in chemistry, a Moser in mathematics, a Kreisel in English, and a host of other people of equal calibre, people who are providing the academic leadership that is giving this University a reputation that is truly international in scope. It means that we must have a Johns as President, a Macleod as Chairman of the Board of Governors, a Galbraith as Chancellor, people who have the patience and ability to explain to the public that supports us the needs of a university, and to obtain from that public the millions of dollars it now costs to run a major university.

It means facing the fiercest market for qualified staff that the world has ever seen, a market that has doubled the average salaries paid by universities during the past ten years, and is likely to double it again during the next decade. To say that we shall need to make over 200 new appointments this year, and every year for some time to come, is not by itself an impressive statistic. However, when we realize that Canada as a whole will seek about 4,000 such appointments during years when the total output of Ph.D.'s will be about 600, this statistic begins to take on the meaning it should. Finally, if we multiply by 2,000, the number of universities on this continent, we should sense the major

problem that now exists in obtaining and retaining a qualified staff for a university.

Lest I seem pessimistic, let me assure the groups who are interested in creating new universities that I am actually optimistic. Somehow or other Alberta will have major universities throughout the Province. I personally support the immediate creation of a new university in Lethbridge on the ground that such an institution will add in considerable measure to the economic and cultural life of the southern part of our province. Although it is neither the place nor the time to debate the issue concerning a university for Lethbridge, I would like to say that the case must rest on the contribution such a university can make to the southern part of the province, and cannot be made on the basis that it will eliminate in any measurable way the need for university facilities in northern Alberta.



Since it has been reasonably well established that the present site of the University of Alberta will accommodate about 18,000 students, an enrollment that will be reached about 1972, it is clear that the people of Alberta must be prepared to provide additional university facilities for students after that date. Far away as 1973 may seem to be, we must make a decision now as to the form these facilities will take, and also determine the nature of the University of Alberta itself. There are many alternatives, expansion of the present University on other sites, a system of junior colleges, another autonomous university, a satellite campus, and so on. Although we

shall make a definite recommendation to the Government on the matter, it is not for the University of Alberta to make the decision on an issue of this kind. The kinds and numbers of institutions of higher education the Province will have is a matter upon which the people of Alberta must speak, and must decide for themselves. It is, however, absolutely essential that some decision be reached before the end of the current year.

Let me say a word or two about our accomplishments during the past year. Some of them are routine like the establishment of a new Ph.D. program for the Department of Microbiology; some contain the sin of vanity in that we boast about the graduation of the first Ph.D.'s in Canada in certain divisions of elementary education, or about the fact that our Bachelor of Fine Arts program now has the stature to attract students from outside our province; and some are numerical in that they count the hundreds, verging on thousands, of research papers now published each year by our staff. Some are exciting as in the success of our Department of Surgery in the prolonged survival of functioning organs isolated from the body and maintained on a modified perfusion technique.

With all these, however, our accomplishments are small when measured by what they might be, and what they should be, if we had the space, the time, and the men and women to carry out the visions of our staff. Sometimes, when I am discouraged by our seemingly slow rate of accomplishment, I console myself with the words of Hemingway,

"There are some things which cannot be learned quickly, and time, which is all we have, must be paid heavily for their acquiring. They are the very simplest things, and because it takes a man's life to know them, the little new each man gets from life is very costly and the only heritage he has to leave."

OVER \$260,000 AWARDED IN SHORT-TERM GRANTS

Two hundred and seven Canadian scholars, for the most part staff members of Canadian Universities, will share more than \$260,000 in short-term research grants from the Canada Council this summer, in the humanities, the social sciences and the fine arts.

Those from the U. of A. include: Professors C. S. Brant, G. R. Feiwel, M. Gulutsan, E. Howarth, J. M. Konczacki, and Z. A. Konczacki.

STAFF SHORTAGE

Despite a permanent teaching staff increase of about 120 over last year, the University will have more than 40 positions it can't fill in the Fall. There just aren't enough qualified people to meet the demand.

The U. of A. will have about 760 faculty members for the 1966-67 academic year. Another 50 are on leave of absence. The president's office has received 55 faculty resignations so far. One-hundred-and-fifty-six full-time permanent appointments have been made and about another 20 are expected.

CONTRIBUTORS TO COLLIER'S

Four prominent Alberta educators are contributors to **Collier's Encyclopedia**, the 24-volume general reference work. They are: John E. Dutton, Chairman of the Alberta Library Board, Public Library of Lethbridge, whose article discusses the history, geography, government and politics, economics, cultural and social activities in Alberta; Dr. Frederick G. Heymann and the Chairman of the Department of History, Dr. L. G. Thomas, both Professors of History at The University of Alberta, who have contributed articles on prominent men in Canadian history; and Bruce Braden Peel, chief librarian at The University of Alberta, whose articles deal with the Royal Canadian Mounted Police and the University of Saskatchewan.



A FEAST FOR FOUR THOUSAND

Throngs of people—4,000 in all, gathered like locusts on the University mall this summer to savor fresh barbecued chicken, with all the accoutrements, supplied by the on-campus food services department.

The green sward was the table cloth, and a bright and nippy day added zest to the fare.



A FLIGHT TO LONDON

Graduates . . . are reminded of a tentative U. of A. alumni charter flight to London next summer.

The suggested dates are July 15th to August 15th, 1967. Air fare from Edmonton to London and return would be approximately \$330 per person.

If this month long sojourn abroad appeals to you, perhaps you would indicate your interest by ticking the box below and returning the slip to the Alumni Office on the Edmonton campus.

☐ I would be interested in a charter flight to London next summer.

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1918

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1919

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Appeal	Target	Gross Receipts	Expenses	Net Receipts	No of Contri- butors	Average Con- tribu- tion
1958-59	\$25,000.00	\$27,727.08	\$2,576.86	\$25,150.22	2,296	\$12.08
1959-60	20,000.00	17,418.93	2,704.13	14,714.80	2,033	8.57
1960-61	20,000.00	23,324.47	4,181.93	19,142.54	2,227	10.48
1961-62	25,000.00	20,015.19	2,791.73	17,223.46	2,016	9.93
1962-63	20,000.00	17,665.29	2,187.78	15,477.51	1,758	10.05
1963-64	20,000.00	23,051.21	3,320.81	19,730.40	2,101	10.97
1964-65	20,000.00	24,114.80	3,636.76	20,478.04	2,228	10.82
1965-66	20,000.00	20,851.59	2,875.91	17,975.68	1,899	10.98

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J. A. McAllister
Hazel McIntyre
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I. Goresky
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G. King
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M. A. Solberg
Dr. James H. Torrie
Dr. John W. Vosburgh

1932

E. S. Austin
Dr. J. W. Chalmers
A. F. Coffin
Dean A. Colpitts
Dr. George E. Decker
Robert G. Dunlop
Nova F. Graham
Mrs. Alvin H. Gubbins
P. D. Hargrave
Dr. J. D. Hawkins
Doris L. Hobbs
S. W. Hooper
Mrs. M. I. Howes
Vladimir Ignatieff
Carl B. Johnson
Eleanor G. Luxton
Edythe V. McDonald
Hilda B. McEwen
Margaret E. McLaggan
W. H. T. Mead
Janet A. Ricker
T. D. Stanley
Dr. H. H. Stephens
Mrs. A. M. Stewart
H. E. Tanner
N. A. Wait
Dr. B. E. Walker
Ethel L. Weeks

1933

Mrs. R. G. Ades
A. E. Beavers
Mrs. R. A. Bowman
W. K. Carruthers
Mrs. G. M. Chattaway
Mrs. J. B. Collip
I. S. Comfort
Dr. C. R. Cousineau
W. R. Craig
S. I. Evans
M. I. Friedman
W. J. Gold
Peter Greschuk
J. C. Hewson
R. M. Hodgins
W. G. Hoyle

John W. Huculak
M. D. McEachern
Laird W. McElroy
Mrs. W. O. Peffers
Arthur R. Potter
Dr. W. A. Shandro
G. W. Watts
Mrs. E. L. Wilson
Ralph H. Wilson
H. B. Wortman

1934

Dr. W. S. Anderson
Mrs. R. J. Armstrong
Nora Avery
Dr. Edmund Cairns
D. R. Cameron
John N. Ford
G. C. Hamilton
W. M. Hodgson
Dr. Leyda Lythgoe
Mrs. G. McArthur
Mrs. H. G. McArthur
Dr. James A. McCoubrey
L. H. McManus
Dr. J. D. McPherson
Miss J. I. McRae
J. W. Montgomery
D. L. Morell
A. W. Platt
Beatrice Robertson

1935

B. K. Acton
Dr. J. Grant Armstrong
R. J. Armstrong
Mrs. A. Bacon
Dr. J. M. Calhoun
David B. Coutts
T. K. Creighton
Dr. E. F. Foy
F. T. Gale
Dr. Edward J. Greene
G. J. Hawkes
Dr. William S. Huckvale
Alison M. Jackson
R. E. Jespersen
R. G. Johnstone
Brig. J. R. Jones
William D. Lea
W. D. C. MacKenzie
Lois McCalla
H. A. McFarland
Mrs. B. McGibbon
Frederick N. Miller
Mrs. M. O. Redmond
Sheila A. Robertson
Mrs. A. R. Schrag
W. J. Sellhorn
R. L. Smith

1936

Russell J. Allen
Rev. Charles C. Armstrong
Mrs. E. R. Barefoot
Howard G. Barker
Fred U. Brown
Dr. Theodore L. Cairns
Dr. W. A. Conroy
T. J. Costigan
C. DeValois
Dr. M. Dolgoy
Mrs. D. G. Duke
J. F. Elliott
J. C. Ewing
Margaret H. Farnell
Dorothy Grant
Dr. Clarence A. Johnson
Dr. P. J. Kendal
H. H. Love
M. E. MacBeth
Gladys M. MacPherson
Johanna Michalenko
Frank O. Morrison
Mrs. W. Pandachuk
Mrs. W. J. Sellhorn
Dr. M. M. Sereda
Frederick C. Shom
M. Tracy
Velma White
G. Rosamond Wilson
Gordon K. Wynn

1937

A. R. Baker
Alfred Bayer
Ruth Budge
Dr. Neil Campbell
Dr. C. A. Cawker
G. D. Chattaway
Dr. Stanley C. Clarke
Dr. J. H. Cooper
Robert W. Darrah

Dr. Manly B. Donaldson
Mrs. D. M. Eaton
Dr. Taylor H. Evans
C. M. Gallimore
Mrs. A. B. Garrett
W. J. Hackett
J. L. Hudson
Dr. A. Hurtig
Harold Jarvis
William D. Kirkland
N. A. Klodniski
J. F. Langston
Andrew MacCullie
Staffard W. MacDermott
Flora MacLeod
Joseph MaJakey
W. R. McCalla
W. O. McLean
W. M. Mitchell
Helen Morrison
John E. Poole
Dr. J. Donovan Ross
Dr. A. Ralph Schrag
G. C. Semmens
Dorothy Vera Shaw
Dr. Sydney Spaner
Jeane Thompson
H. G. Thomson

J. Marion McGill
F. L. Payne
George Ross
Mrs. Russell
Angela Shulba
A. Skenfield
Ellan A. Tatham
W. Len Thomlinson
Aleta J. Vikse
Lawrence N. Winter
J. G. Woodsworth

1939

Mrs. L. R. Amundsen
Dr. James O. Anderson
Harold S. Baker
Dr. C. F. Bentley
W. B. Brown
William L. Buckley
Mrs. H. R. Campbell
Walter P. Coad
C. W. Coote
Dr. Alvah A. Downey
W. L. Dunkley
Dr. O. A. Erdman
E. Catherine Frost
Prof. L. E. Gads

Kathleen S. Wark
E. D. Wilson
Robert H. Wray

1940

Dr. L. R. Amundsen
Mrs. M. J. Bain
Dr. Gordon T. Bell
R. B. Berkoff
H. Deryck Berry
Dr. J. E. Bradley
Harry Cooper
J. B. Corbet
M. W. Dewis
Hugh M. Dickson
R. P. Dixon
David G. Forbes
Mrs. J. R. Fowler
J. E. Hawkes
Richard C. Hoar
Alma M. Holbrook
Mrs. W. D. Hoskin
Dr. L. E. Johnson
Ross M. Kitchen
Mrs. Bessie L. Lambert
Mrs. M. L. Lamplough
Dr. Thomas B. Letts
G. A. MacAllister
J. T. Madill
J. A. Morrison
Margaret C. Murray
E. Norman
Dr. Louis D. Pergamit
Howard W. Pickup
Norman L. Reid
J. J. Sexsmith
Dr. Donald R. Stanley
Phyllis Steinbach
Dr. E. W. Stringam
Ardyce M. Syme
Dr. John D. Wallace
Dr. O. M. Wright
Dr. R. J. Zender

1941

Jessie E. Aumonier
Dr. Archie F. Bishop
Robert G. Black
Marcus Bomerlan
Mrs. C. E. Boyer
Dr. Donald W. Clarke
A. R. Clink
Mrs. W. A. Conroy
Dr. C. G. Duke
Dr. M. DuMont
Dr. T. James Durkin
K. S. Durrell
L. J. Ehly
Doris C. Gemeroy
W. J. Haddad
Dr. Albert Hanson
Jean Heal
Dr. J. G. Kato
Marcia Katzin
Dr. Lorene L. Kennedy
Mrs. R. D. Knox
N. A. Lawrence
W. B. McPetridge
Margaret A. McIver
Dr. W. A. McIver
Dr. L. A. McLeod
Allan F. McQuarrie
Katherine M. Miller
Dr. D. J. Moffat
Mrs. R. W. Montgomery
T. O. Neumann
Dr. Nelson Nix
William H. Odell
Stanley G. Pearson
D. E. Pickett
Bruce T. Rankin
Charlotte M. Rattray
D. L. Redman
Dr. D. C. Ritchie
W. P. Skelton
J. A. Swift
John A. Toogood
Jeanie S. Tronningsdal
Jenny M. Weir
M. E. Wolfe
Dr. N. W. Woywitka
Albert F. Yates

1942

Dr. Theodore H. Aaron
John F. Aitken
W. F. Andersen
Mrs. W. F. Andersen
Mrs. C. D. Beckner
Dr. R. Edward Bell
J. G. Brown
Dr. D. R. Buchanan
Harmon Burpee

THE STRUGGLE to know is one of the most exciting dramas of history, and everyone who has ever tried to learn anything has participated in this process to some extent. There is a deep yearning within strong, young minds to know the unknown, to increase in understanding, and to do what has never been done before. In rare, rich moments college students find this exultation in their discoveries, new insights, or in new patterns of ideas and concepts they have formed. The trained minds and disciplined curiosity of the more energetic students will tend to pull away from the didactic paternalism of their professors—especially if they feel they are simply getting answers to questions that people are no longer asking. The learning process is nourished, above all, by reading, deeply and widely, to gain a sense of the universal and overcome cultural prejudice . . . by searching, investigating, testing, and experimenting in the quest for truth—recognizing that intellectual growth is not restricted to a cramped study of records of man's past . . . and by thought and reflection, requiring the highest form of energy, requiring optimum use of one's reasoning powers, requiring the clearest possible perception of relationships. Education to the student is all of this and more.

Dr. A. M. Torrie
Mrs. Aubrey S. Tuttle
Dr. Donald R. Wilson
Dr. Max Wyman

1938

Mrs. N. C. Arnold
W. F. Atkins
J. E. Birdsall
A. D. Cairns
J. B. Campbell
G. A. Carlson
Mrs. C. A. Cawker
Dr. Rupert M. Clare
S. S. Cosburn
Mary Cuthill
John N. Decore
Kathleen Doeling
C. W. Elliott
F. B. Facey
Norma E. Freifield
Dr. Elmo E. Fletcher
A. Margaret Giffen
Dr. John C. Goddard
Robin C. Hind
Jack H. Hole
Dr. Walter S. Johns
Muriel M. Knight
C. Manser

E. Mary Gander
Dr. Archibald Gillies
Dr. F. S. Green
A. N. Gunter
W. L. Gutierrez
Alex J. Hamilton
Dr. J. D. Kupferberg
Evelyne Laughlin
V. J. Macklin
George D. MacRae
Mrs. J. T. Madill
J. C. K. Madsen
J. D. McAulay
John E. Oberholtzer
A. D. Paul
Dr. D. A. Perley
Kathleen M. Repka
F. M. Riddle
Dr. John B. Ringwood
C. B. W. Rogers
Dr. M. Share
Dr. Nathan A. Shiff
Dr. R. T. Shillington
Alex Stronach
J. G. Sproule
Dr. Elizabeth B. Sprung
G. R. Stretton
K. H. Thomson
Robert Walker
Jean L. Wallbridge

WHAT IS EDUCATION? It is an everyday sifting process that requires not only extraordinary thought but enormous conviction—thought to distinguish the grain from the chaff and conviction to make the separation. By the process of education, our society is creating its future. Education is clearly related to individual opportunity. Substantial intellectual, cultural, and economic advantages are conferred upon today's college student. The tangible benefits of education are recognized by almost everyone.

W. A. Cameron
Dr. G. D. Carson
Mrs. M. C. Cartwright
Dr. J. B. Corley
Dr. H. Coutts
Dr. C. Gardner Craig
John J. Denholme
Dr. R. E. Dickson
C. S. Dunkley
Dr. A. J. Elliott
E. M. Erickson
A. B. Evenson
Mrs. J. R. Farish
Roger Flumerfelt
Dr. Leonard B. Frarkin
Doris J. Gauntlett
U. Green
Dr. W. F. Hall
Carol E. Harlan
W. Bruce Hunter
Mrs. G. R. Inkpen
Clarence Johnson
Queenie Klein
Ross P. Lane
R. E. McClure
D. R. McCormick
Barbara E. McDougall
Dr. A. D. McKenzie
J. A. McKirdy
Dr. R. N. McManus
Mrs. V. Melnyk
Dr. B. Michalysyn
S. I. Niddrie
Pearl V. Warren
Mrs. B. F. Willson

1943

Mrs. G. D. Beauchamp
Dr. J. M. Bell
Donald K. Campbell
Dr. J. Dvorkin
S. E. Edwards
Dr. Beth Empey
Dr. William H. Freebury
Misao Fujiwara
Dr. E. A. Gain
Dr. W. D. Gainer
Mrs. W. D. Gainer
W. C. Gordon
Brian R. Gore
Marjorie J. Grant
Dr. J. Guild
J. R. Gylander
F. Hanochocko
W. A. Hiller
J. A. Johnson
Dorothy C. McBain
Lorne G. McDiarmid
Dr. Demitro Melnyk
J. Craig Moon
June I. Newnham
Dr. Thomas Nikiforuk
C. E. Noble
Dr. G. T. Phipps
G. E. Poole
Margaret Shaw
Dr. S. A. Weaver
E. B. Wilkins
Dr. R. G. Williams
Bruce F. Willson
Dr. T. A. Wright

1944

Dr. William C. Acton
J. G. Alston
Patrick H. Bouthillier
William H. Brooks
J. L. Carr
H. B. Carrico
Dr. Ralph M. Duncan
W. L. Challis
R. J. Dalsin

R. R. Dutka
Dr. A. L. Fjordbotten
Mary Harvie
Beatrice R. Heckbert
Dr. Lloyd W. Johnston
John Z. Koshuta
F. W. Lehmann
D. D. Livingstone
Dr. Robert A. Macbeth
Edythe L. Markstad
Dr. W. B. McCormack
Dr. R. W. McGibbon
Dr. John F. McKeage
J. N. McPhail
Jean McRae
Hazell C. Moore
Robert G. Reynolds
Jeanne N. Riddell
Mrs. M. M. Stelfox
John W. Stephens
R. Morley Tanner
Katherine Therrien
E. N. Thompson
J. Norman Willson

1945

G. C. Agnew
Cameron Ainsworth
Doris Anderson
S. I. Belzberg
Michael R. Bevan
Dr. Andrew Cairns
Mavis K. Chittick
Stanley Clarke
B. June Cox
T. R. Davidson
Kathleen Desjardine
Dr. F. A. Fergie
Dr. F. A. Fernet
Donald S. Harvie
Walter A. Kujath
J. H. Manning
A. F. Manyluk
Mrs. W. B. McCormick
Mrs. A. L. Morrison
Dr. Alex S. Nay
A. J. Rubin
W. D. Stothert
M. G. Toma

1946

D. D. Bentley
Dr. A. K. Bradshaw
James W. Briggs
Mrs. D. H. Brundage
J. W. Burrows
Dr. R. C. Corbet
R. J. Coultis
Joan Cox
E. J. Cuyler
W. R. Dimock
T. G. Dunlap
Mrs. J. Elduayen
Dr. Robert S. Fraser
K. D. Galloway
Dr. Lloyd C. Grisdale
C. C. Harrison
R. M. Helmer
W. S. Jones
R. S. Kittlitz
Suzanne H. Lashbrook
Francis D. Leeder
D. P. Love
Robert Low
Dr. B. Wayne Matkin
R. E. McClary
V. E. McCune
Dr. John D. McCutcheon
Dr. J. Metcalfe
Dr. A. Mooney
Mrs. G. L. Ralph
N. E. A. Ronaghan

Mrs. R. E. Roscovich
K. A. Simpson
T. A. Sissons
Dr. & Mrs. G. E. Sleath
Dr. G. L. Smith
Allan J. Spence
E. Margaret Taylor
Mrs. A. Tetarenko
Dr. Leslie R. Wetter
Peter Yachimec

1947

R. J. Allman
Robert S. Baptie
Dr. J. F. Benedict
Alex J. Beveridge
Rose Bozzar
F. G. Buchanan
James F. Buckingham
Lewis Caldwell Jr.
Anne Carmichael
Thomas M. Carscadden
Dr. D. I. Culham
Mrs. G. F. Davis
J. A. Elves
H. G. Field
Dr. S. G. Fushtey
H. F. Gain
L. R. Gue
Mrs. C. R. Hemphill
H. A. Kostash
Hon. Marcel Lambert
Dr. M. M. Leng
Joyce MacDonald
C. J. McConnell
A. Bernice McFarlane
Donald R. McGiu
Gordon F. McLean
Dr. N. Nishio
S. E. Loring Pollock
G. Proctor
Dr. R. S. Rust
T. J. Sawchuk
J. M. Scarborough
M. E. Stewart
W. A. Switzer
Robert P. Walls
Roland M. Ward
E. Marie Weir
F. E. Winter
Dr. M. M. Woronuk

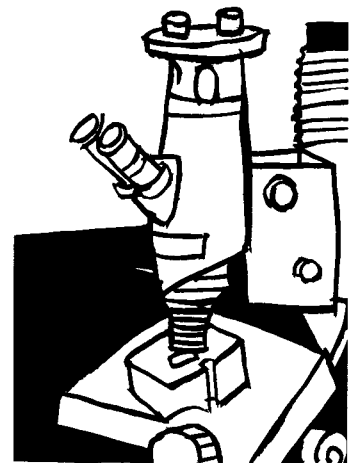
1948

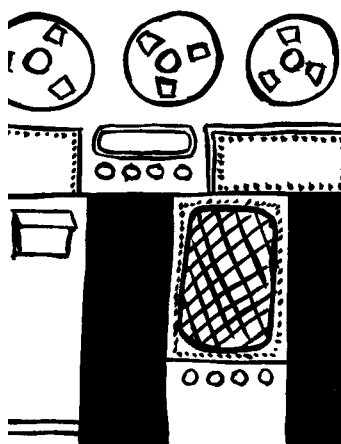
J. W. Allen
D. M. Armstrong
Dr. W. S. Bailey
D. C. Bradshaw
G. L. Brown
D. H. Brundage
Dr. N. J. Campbell
R. C. Carran
M. Castelli
John J. Collins
D. Hugh Currie
Dr. H. B. Dimock
M. J. Dolinsky
Mrs. D. J. Duff
J. S. C. Dunn
E. V. Elford
D. R. Ellis
B. Figur
Charles P. Fyfe
John Gregory
Stanley P. Hauck
Dr. S. S. Hein
Dr. A. L. Hepburn
Dr. H. M. Herlihy
K. Hrehirchuk
J. Hrynyk
Mrs. L. H. Johnson
R. L. Jones

Amy R. Kops
R. P. Kroetsch
J. W. Lencucha
Dr. I. A. Lesk
M. H. Loftus
Eric Marsh
S. J. Martens
E. R. Matthews
John Maybin
M. S. McRoberts
Dr. L. R. Melby
J. W. Moore
Norman D. Muir
Dr. J. A. O'Brien
Helen F. Potter
Henry Pylypow
Margery Ramsay
Arlene C. Ruste
G. G. Scruggs
Frank Shymko
R. A. Spencer
Dr. J. Stefanelli
Dr. J. A. Thorsness
K. J. Torrance
Dr. A. R. Urschel
Dr. A. C. Waldie
V. B. Watson
Dr. H. V. Weekes
Mrs. M. R. Weston
J. F. Wilson
Dr. R. D. Wilson
Andrew Wynnyk

1949

Louise Abousaafy
John W. Achtymichuk
George Adam
C. F. Amies
Peter Anders
Dr. D. E. Armstrong
Dr. W. T. Armstrong
R. Bruce Bailey
H. A. Baker
Dr. V. A. Bayrock
Robert Black
M. E. Bower
Dr. M. S. Boyce
Dr. K. A. Burnham
W. B. Cairns
P. A. Clarke
Dr. G. Y. Chang
Steve E. Chorny
G. R. Conquest
Eugene Cook
R. E. Cook
T. I. Coram
G. R. Cullen
R. F. Cummer
G. F. Davis
G. D. Deahy
S. G. Deane
James S. Denis
E. A. Donald
F. R. Dorward
D. J. Duff
Lyle K. Dunsmore
R. W. Edgecombe
Dr. R. W. Edie
Mrs. S. Estwick
James E. Finlay





John J. Fitzpatrick
D. Fraser
F. S. Goddard
Hazel M. Greenway
D. R. Hagerman
G. E. Hargreaves
Victor Harms
Dr. H. Hay-Roe
C. R. Hemphill
V. L. Horte
Harvey L. Housman
W. H. Hurlburt
Dorothy M. Husband
Jeanne M. Jakey
Kenneth M. Knight
H. G. Krokosh
D. D. Kuchinski
Lily M. Lakusta
S. A. Logan
Stanley A. Long
Joseph Loomer
D. H. Loudon
Kenneth Mackenzie
Dr. L. D. MacLean
Ivan B. Mallett
J. N. McCallum
W. K. Miller
V. P. Milo
W. J. Monkman
W. L. Montgomery
D. A. Naismith
Dr. G. A. Nelson
A. R. Nielson
Valara A. Nugent
J. R. Ogilvie
Alex Patton
B. N. Peterson
Dr. D. D. Phillips
R. Pilkington
Steve Pyrcz
Walter J. Riva
D. W. Rogers
Gordon A. Ross
R. D. Rosser
J. L. Schlosser
Dr. John S. Skene
S. R. Spacey
J. A. Stretton
O. C. Stubbs
M. L. Van Alstine
J. H. Wall
L. E. Warren
Mrs. W. I. White

1950

Dr. T. Alexander
Dr. G. E. Barker
H. T. Beare
D. D. Bell
Dr. R. T. Berg
Dr. B. A. Bishop
W. A. Blench
Dr. E. N. Boettcher
Dr. W. T. Boyar
A. M. Bolduc
F. B. Brien
Omar J. Broughton
N. J. Cebuliak
Dr. J. B. Collip
D. H. Cordery
D. H. Dabbs
Dr. D. E. Deedrick
L. A. Dersch
H. C. Duguid
C. W. Dumka

G. J. Evans
I. G. Finlay
Evelyn Fitzsimmons
Mrs. J. L. Gant
Dr. S. B. Gerolamy
K. S. Goodman
John W. Grainge
Dr. R. A. Gray
J. B. Gurba
A. S. Halldorson
C. J. Harke
Dr. John R. Harms
Mrs. M. G. Henry
A. W. Holroyd
D. A. Hood
Dr. J. S. Horricks
I. S. J. Huberdeau
Mrs. W. M. Hurst
K. G. Johnstone
S. G. Jones
W. M. Karney
M. Kondro
Dr. G. T. Lindskoog
Harry O. Lomnes
Dr. B. M. MacKenzie
Mrs. G. D. Mackie
Margaret Marshall
Dr. A. J. Maximchuk
R. D. McCullough
Dr. C. T. McCune
Dr. G. L. McMurray
S. McQuitty
Marjorie Middleton
Genevieve Moreau
Harold L. Morrison
Mildred I. Olsen
Dr. E. A. Peterson
Dr. C. M. Robertson
W. E. Robinson
Mrs. J. L. Schlosser
F. H. Selland
H. Shannon
John W. Slemko
Mrs. G. Stefanick
K. G. Taylor
Robert J. Taylor
Murray S. Tempest
M. A. Tkachyk
Mrs. W. F. Thomson
Dr. R. S. Van Alstine
William Wanat
L. R. Warden
S. A. Williams
H. F. Wilson
T. M. Wilson
Dr. J. E. Young
J. R. Young

1951

E. B. Allan
Betty M. Barker
Marion Bennett
Dr. R. K. Blackwood
A. P. Blakey
S. T. Boorman
W. A. Burns
Gordon B. Cairns
Dr. J. W. Carmichael
M. L. Chornopsky
A. L. Clark
Mrs. R. B. Coglon
Mrs. S. E. Cummings
D. C. Dickson
Gwen M. Dunsmore
A. M. Easton
A. L. Evans
Dr. Olive Fisher
A. S. Fitzsimmons
Andrew Gamble
W. J. Gregg
Dr. G. W. Hankins
Dr. Robert Hironaka
Mrs. G. Hislop
J. Howin

Dr. G. W. Jull
Dr. J. S. Kennedy
M. Kinash
J. H. Laycraft
Mrs. S. M. Lester
Mrs. M. MacKenzie
R. L. Manz
J. D. Matheson
Dr. R. I. McCalla
W. D. McGrath
S. M. McLean
Dr. L. E. McLeod
D. A. McTavish
J. B. Michell
L. R. Miskew
E. L. Morris
Dr. W. J. Mudry
Mrs. C. E. Nelson
E. C. Oxford
John H. Parker
Lloyd G. Pearce
Gordon Peterson
N. A. Potter
D. Ross
Mrs. G. Smith
Brian J. Sproule
Dr. G. W. Street
W. F. Thomson
G. A. Warne
J. H. Warne
A. G. White
Robert G. Wray
Irwin S. Young

1952

D. E. Aitken
G. M. Alexander
Roberta M. Allen
Dr. W. S. Armstrong
D. M. Asp
Valerie J. Bailey
Percy L. Baxter
Dr. R. F. Bedford
Mrs. R. T. Berg
Dr. T. G. Booth
M. M. Bright
Hugh Campbell
Mary V. Carr
Joseph Chromka
A. J. Clark
C. F. Cole
R. N. Dalby
G. P. Epton
R. Bryan Erb
Dr. V. M. Erickson
Dr. E. G. Evans
M. B. Ferman
Paul Fetsko
Dr. A. G. Gibson
Mrs. G. H. Gifford
E. G. Hole
Paul H. Klingele
G. G. Krause
Lois A. Laycraft
C. Leitch
Rev. & Mrs. L. F. Ling
M. E. Lomas
J. S. Lore
Marion MacKay
Alvin H. MacKenzie
James A. Mackie
Hugh McCann
Dr. Robert M. McMillan
Frances J. Meakin
George Meronyk
S. L. Miller
B. A. Nahornick
S. P. Owen
F. N. Pinnell
Ruth E. Randall
Mrs. M. Rootes
Dr. J. R. Settle
T. W. Snowdon
Dr. R. W. Wintemute

1953

L. O. Alho
Dr. E. F. Allison
G. A. Antoniuk
Melvin R. Bakken
W. S. Baranyk
F. Evelyn Bardell
Mrs. W. K. Broen
Dr. A. V. Calhoun
David B. Campbell
J. S. Carlisle
Doreen E. Cohen
R. O. Fisher
Joan R. Green
Gerald D. Grover
Neil Harvie
Dr. C. B. Hatfield
Dr. R. E. Hatfield
Edwin Hughes
Dr. W. S. Jackson
Colleen M. Julian
Dr. Henry A. Kinsel
Dr. V. H. Korth
Dr. William Lakey
E. B. Lindberg
P. C. Marshall
J. C. Mawdsley
Roberta McLachlan
B. A. McLean
Joseph Meleshko
F. F. Millican
William R. Musgrove
G. W. Nielson
J. K. Nielson
Dr. D. Pearlman
Margaret E. Penrose
Dr. Robert M. Perry
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THE PRICELESS RESOURCES of youth must not be wasted. Their interest, enthusiasm, and creative energies must be constructively channelled and advanced. The task of education, then, is to capitalize upon the vibrant spirits, intense feelings, and incurable idealism of youth. Some, fortunately, will persist in questioning the status quo as did their fathers a generation ago. This questioning, the spirit of inquiry, is the very lifeblood of the educational experience.

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1959

R. H. Anderson
A. J. Ballah

THE ROLE OF THE TEACHER cannot be overstated. The outstanding teacher engages daily in an act of creation—the making of persons. The teacher motivates through his personal life and faith, his scholarship, his sense of justice, his attitudes, his language and his concerns. When moved by a sense of mission, the teacher enables his students to see the difference that knowledge makes and, therefore, they become more teachable. The primary function of the teacher is to dispel the ignorance of his students by teaching them what has been learned. Then the teacher will dispel his own ignorance by investigating the unknown and making what he discovers available to others. This is how knowledge is created.

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CRUCIAL TO THE STUDENT'S advancement is his freedom of expression, even dissent; the opportunity to participate in a continuing dialogue with teachers and fellow students; to create, by written word, voice, or hands, something that has a personal significance; and to commit himself to new understandings to which he has been led through his struggle to know.

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Academic Planning at the U. of A.

By Dr. W. A. S. Smith
Executive Secretary, Academic Planning

Dr. Smith's remarks on academic planning were made recently at a meeting of the Summer School Students' Union. At the outset he commented: *"Let me make it quite clear that I speak as one member of the University of Alberta Academic Planning Committee—as it happens the only one whose full-time commitment is to this activity at the present—but I do not in any sense speak with the voice of that Committee. The process of arriving at consensus is, as you know, a tough and laborious one in many instances. It would be presumptuous of me to assert that what you hear today represents the considered opinion and consensus of that Committee. Despite this qualification, I think that some of the concerns that I will share with you today are shared by many of the staff at the University."*

I WANT TO TELL YOU what seem to be some of the central issues in planning the future of Universities, to describe the strides that we are taking in this direction at The University of Alberta, and finally to speculate briefly about the future of higher education in general and at The University of Alberta in particular.

In many ways the most apt illustration to describe long-range academic planning at the University level is contained in a cartoon which I saw some years back. It depicts a kind of wild-eyed husband huddled over the steering wheel of a car which is hurtling down a desolate straight section of highway at a fantastic rate. Sitting beside the man who is obviously a husband-type, is

a woman, who is obviously his wife. The caption to the cartoon has the wife saying to the husband, "Honey, I can't find where we are on the map; I am sure we are lost." To which her husband replies, "I know, but we are making such great time that I hate to stop." Academic Planning is very much like that. The cliché, "We don't know where we are going, but we are on our way," also accurately characterizes much of academic planning. We have been going so fast for the last five to ten years in terms of sheer quantitative increase, that planning has by and large been based on a "grease the squeaking wheel" strategy.

But there are some more serious and better attempts to describe what is involved in long-range academic

planning. One author notes, "In its broader sense, long-range planning is an attempt by an institution to establish rational control over its own destiny . . . an institution is engaged in long-range academic planning when it selects and defines its educational objectives; determines the means required for achieving them; and prepares for systematic achievement of those objectives within stated periods of time . . . It is thus obvious that long-range planning cannot be wholly casual or informal. Long-range planning must go beyond occasional brainstorming sessions or periodic weekend retreats for administrative staff. It must have a definite pattern—tailored to the individual institution and its objectives. Also it must be firm enough to provide guidance, but flexible enough to meet the institution's changing needs. Long-range planning is not an administrative straightjacket, but a flexible tool for helping an institution to define and achieve its objectives. And above all, it must lead to effective action in a desired direction."

According to a scheme suggested by Emch which is liberally paraphrased here, there are basic decisions that must be made at each of six levels as one produces a long-range development plan in the academic sphere.

1. Philosophy

Here you must ask the following kinds of questions. What are the educational needs of a free society; who should be educated, to what extent, and by whom; what new knowledge and skills are required? One of my major fears in my scurrying about the campus and this country, in trying to assist in the preparation of our long-range academic plan is that we will end up by simply providing a mechanical scheme whereby we perpetuate the institution as we know it now without making any strides in the direction of innovation. Thus I think this rather subjective and totally intangible first step in academic planning is a crucial one. It is, moreover, one that we should not be doing by ourselves. We need the assistance of all facets of society in helping us to understand our position both as it exists and as it ought to exist. We have too much of a tendency to insulate ourselves as it is. You must not let us, and you are in a very good position to knowledgeably influence us.

2. Objectives

Then the institution must ask these kinds of questions: Which of these general education needs should this institution seek to meet? What group or groups should it serve and what changes in their knowledge, skills, and attitudes, should it try to bring about? These questions recognize that we cannot be all things to all people. They also recognize that we must consciously plan for the involvement of other kinds of post secondary institutions of education. There should be a very clear and conscious division of labor for this kind of education.

3. Programs

What instructional programs, research programs, and service activities will best serve the needs selected? What range and intensity of coverage is required? What curriculum content and educational methods are most appropriate? These questions force us to get out of the clouds and down to

the hard business of working out the details of our long-range academic plan. They insist that after we have worked out our philosophy, stated our objectives, that we plan particular programs in the context of those philosophical and objective type of considerations.

4.

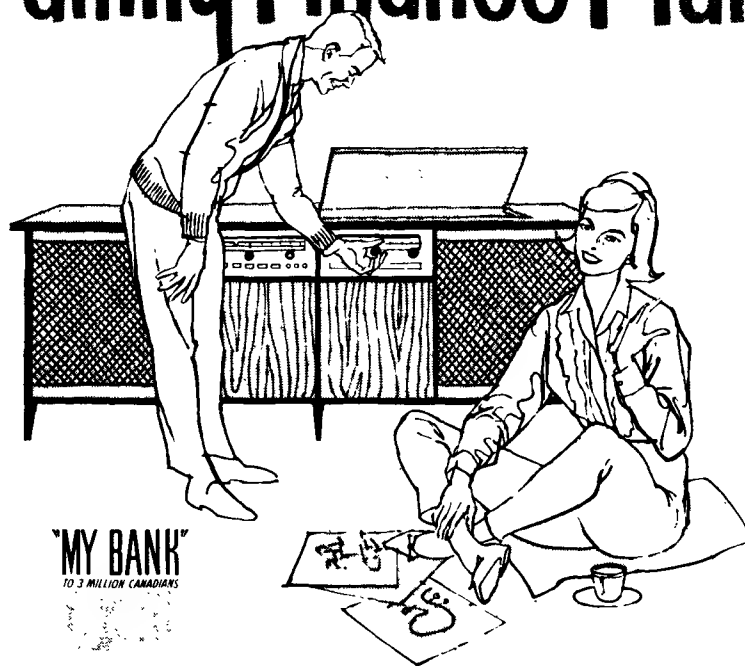
And then there is the matter of *organization*. Here we have to ask questions such as: What human abilities, knowledge, and skills, are required in order to carry out the selected programs and activities? How can these required abilities, knowledge, and skills, best be translated into requirements for specific

faculty, research, administration, and non-academic positions? What functions, responsibility, and authority, should be associated with each position? What interrelationships should exist among the different positions in order to best achieve the institution's objectives? Strangely enough universities have sometimes been the slowest to avail themselves of the application of some of the information that their own departments are generating. I am thinking particularly of certain recent innovations in organizational theory and the psychology of organizations and leadership. It is a bit of a mystery that an institution that fosters a constant pressure on the boundary

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of knowledge, should itself be so very conservative when it comes to change. Here again, those of you outside the University context can assist by prodding us to change.

5.

Then there is the matter of *staffing*. Here we have to ask the following questions: What numbers, kinds, and qualifications, of people are required to fill the positions and assume the responsibility in order to best carry out the selected programs and activities? This is a constant aspect of planning, not one that simply goes on when you start a new institution, and then stops. It is rather a continuing function.

6.

Then we must get quite practical and consider matters of facilities and financing. Although this is not strictly an academic planning function, it is a mistake, I think, to totally separate the two. I am happy to report that we have a very effective and close relationship between those people responsible for academic planning on the one hand and campus or physical plant planning on the other at The University of Alberta. Just to show you that the two are not independent, let me note here that when you begin to ask such questions as, what numbers, kinds, quality, and locations of facilities are required to best enable the staff to carry out the desired programs and activities, you immediately create a decision sphere that overlaps both areas.

Once you have done all of these things it would seem that you should be through. But obviously you must then implement. This may be the most crucial relationship in the whole planning process, i.e., that between planning and implementation. These two phases should be seen as interacting and not as independent separate operations. You don't finish planning and then say to somebody else, implement it. You think implementation as you plan.

Let me use these points as a framework for providing you with

a quick progress report on the planning activities of The University of Alberta.

* * *



1. Philosophy

Although I have personally visited some fifteen University campuses in this country and the United States explicitly on behalf of the Academic Planning Committee, and have collected a library in my office since last August of some 500 titles dealing with Universities, their philosophies, and their future, we did not choose to impose a University philosophy from above on the teaching and research staff. This is obviously a philosophical commitment of our own and it is not based exclusively on matters of strategy—although I think it can be considered effective in this regard. We chose, rather, to allow the philosophy of education which was to prevail on this campus to emerge. Thus a year ago we asked all departments to plan their future to 1975; a period during which the University was to reach 18,000 students. More to the point we asked them to provide a statement of departmental philosophy and objectives. A kind of self-evaluation, if you will, based on a historic review of what they had been doing since the University's inception. These materials are now in the process of being revised and will be collected into a single volume and incorporated into the total long-range academic plan—which will, of course, include quantitative projections as well.

2. Objectives

The detailed statement of objectives as just noted, is now in the process of being prepared by various departments and faculties. Many of them have already submitted their statements and it is only in the case of those faculties where serious revisions in size were necessitated, that we had to rethink this category.

3. Programs

We are now in the process of working out detailed statements of the programs of departments and faculties. We do not want this to become an exercise in futility nor a straight-jacket. Thus we are encouraging departments to give active thought to innovative ideas at this moment. We recognize that no one can plan accurately and precisely for the future, but we want to force our people now to think in terms of what might be, rather than, as I noted earlier, to simply work out arithmetic schemes for predicting their growth rates in the next ten years.

4. Organization

This is a constant problem, and one that will never be resolved. The University employed professional consultants to provide them with an analysis of its University government structure, and as you know, a recent reorganization of the University through the University Act is now in effect. On a fairly broad basis, one of the organizational problems will be that we will (hopefully) be able to overcome the dangers of what has been called "gigantism". Many Universities are going to a small college organization within the overall University framework. We have not yet given any formal attention to this question.

5. Staffing

As we ask departments for statements of philosophies, objectives, and projections of programs, we also ask them to estimate the staff that they would have to have to accomplish these programs. So we have taken steps toward meeting this objective.

6. Facilities

As you are aware, we cannot declare a two-year building hiatus at the University while we produce this long-range academic plan. We know the students are in school, and we know roughly how many will be here, and we know at this moment that we do not have sufficient space to accommodate them. Thus we have to keep building as we attempt to produce our plan and to implement it through the physical plant facilities. We are moving toward the completion of a long-range physical plant development, however, which should reflect the translation into physical terms of the academic plan.

7. Financing

And finally in regard to financing, with the generous help of the provincial and federal governments, I think it is fair to say that this University is in a solid financial condition. Many others can comment much more authoritatively than I on these matters. From the standpoint of one fairly recently added to the family, however, I can say that the financial structure of this University and its potential resources in the future leave me more optimistic than a similar analysis of the institutions in the United States with which I am familiar. In short, I think that we are in more than reasonable shape.

So this is roughly where we are in the business of academic planning at The University of Alberta. We continue daily the process of working out these plans and I will repeat again that should any of you have suggestions, or sources of information with regard to this activity I would be delighted to receive them.

Now in the two minutes that are left, permit me my moment of madness. Let me speculate with you about what may be seen in higher education in the future at The University of Alberta, and allow me further the license of mentioning a few things that I would hope would be the case.

1. Without doubt we will have 18 to 20 thousand plus students on the present campus of The University of Alberta, Edmonton.

2. My guess is, that we will probably by 1975 have a four-year under-graduate degree program for all students.



3. I will predict an increasingly large portion of graduate students on the Edmonton campus. This prediction is based on the assumption that alternate facilities for under-graduate education will be in existence by that time and on the very practical realization that it is not enormously expensive to duplicate every complex graduate education and research facilities. I do not predict, however, that the present Edmonton campus will ever become exclusively a graduate center—as has happened at some other Universities.

4. I predict, with a lot of others, that the teacher will come back into his own in the University context after experiencing a few decades of second class citizenship, basking, not too often, in the reflected glory of the research-publisher. In this context, I predict that a new terminal degree will become increasingly popular which will be sought by those whose vocation is indeed college or University teaching—not research in a university context.

5. I predict and pray that we will not by 1975 have in Edmonton what Edward K. Graham called a turnpike kind of education. He notes: "... you know the characteristics of the turnpike. You get on it, you get a ticket that looks suspiciously like a permit to register, and you join

thousands of other automatons who have nothing better to do than to make a dash for the other end of the road—having paid the fixed charges, conformed to the rules, and the regulations of the guardians of the highway, and made sure that (they) do not get too far behind all the other automatons headed in the same direction." I predict conversely, that we will adopt the organizational scheme increasingly popular at other large multiversities, i.e., that of smaller administrative units within the large campus. By providing living accommodations in units and a certain number of classrooms in the same physical areas, it is possible to achieve a sense of identity with a smaller group and thereby maintain something of what used to be called the "college life". Admitting that not all of this was good, I think we can agree that there is an advantage in being treated as a person in all aspects of life including the University experience. This is not necessarily an efficient way to run a University—but despite the fact that I am aware of the need to preserve dollars, it must be agreed that efficiency is not the primary goal of an institute of higher learning.

6. I predict that somewhere in the variety of institutions of higher learning that will exist in 1975, if not here at The University of Alberta, there will be some that defy our wildest imaginations with regard to the kind of curriculum that they will use. I would hope that we will be willing to indulge in experimental educational programs at the same rate that we are willing to indulge in experimental highway surfacing programs. We should not be afraid of experimenting with the wildest kinds of technologies, things that will make current teaching machines seem primitive. I would hope also that new divisions of knowledge, or if you will, new integrations of knowledge would exist and be implemented in curricular terms by 1975. In this context, I see a very exciting possibility for a college or University which is almost exclusively generalist in character or,

if you will, interdisciplinary in character. This would be the kind of institution where there is a constant attempt from the very outset to force the student to see the relationships between disciplinary lines.

While I am running wild, I might as well also propose an entirely new kind of institution for advancing knowledge where there are no admission barriers and where all segments of society are involved, including those who have already completed some years back, a traditional University training. You might even argue that this should not be called a University, and it may be that what I am proposing is a new institution for continuing education.

I will also predict that the future of Universities will see an increasing use of decentralized authority. I think the size and complexity of the institution that we know as an University, particularly the provincial University, goes beyond the point where a single set of administrators—no matter how talented and dedicated—can get the job done. Moreover, I agree with a barrage of recent reports which suggests that the traditional administrative-faculty split is destructive to the most effective development of the academic enterprise. This is not to say, that I argue for bigger and more faculty committees. I am painfully aware of the inefficiency of a committee (and of all or most of the jokes about the kind of products that committees turn out). On the other hand, I think that a judicious program of decentralization with clear organizational and functional statements, will assist in making sure that what the University is for gets accomplished. It may not mean, as I noted earlier, that it is operated in the most efficient manner, but the kind of profit statement that we have to show is measured in lives, and this is both a liability and an asset; an asset in the sense that we cannot be pinned down right at the moment of issuing our product, a liability in that if we don't do the job there is no future for society.

Well, enough of this fantasy. Despite my repeated pleas for your

involvement in the affairs and future of The University of Alberta, let me conclude with a plea for tolerance for what we are doing. As noted by Jerome C. Burn, special counsel to a committee established by the Regents of the University of California to look into the matter surrounding the rioting of a year or so ago at Berkeley, and endorsed by former University of Chicago President, Robert Hutchins, "The reasons for public apprehension are obvious. The University is established by a wise society to be its continuing critic. But while in principle we all welcome criticism of our established habits, in practice most of us resent it. The task of a modern University is to open the eyes of its constituents, and indeed of the whole world to new possibilities: cultural and intellectual, social and moral, scientific and technological. A University which wishes to do these things is bound to attract a significant number of students, faculty members, and even administrators who are, as the cliché goes, 'people who think otherwise'. Not only will they think otherwise; often they will do otherwise as well.

There can be no neat division between professional and personal lives nor between unconventional thoughts and unconventional actions. As a result, a great University must, if it is living up to its responsibility,

attract many faculty and students who will choose to pursue paths that the great majority of people regard as silly, dangerous, or both. Such a University is bound to strain the tolerance of parents, taxpayers, and their elected representatives. In many cases, outsiders will not understand the necessities for certain features of University life. In some cases both the public and its chosen officials will be profoundly offended by the ways in which the academic community go about their business or by the ways in which they conduct their non-academic lives. Considerable restraint will be required to tolerate habits and values which seem profoundly alien to most residents of the State.

If this restraint is not forthcoming, if a State habitually imposes popular opinion on its University, the result is that the State acquires a reputation for being inhospitable to the life of the mind. The immediate result is that many students and faculty who care deeply about such things seek them elsewhere. This in turn means a second rate University."

So we do seek your tolerance as well as your assistance as we strive to do a somewhat better job of meeting the responsibilities of a University in today's society.

The University of Alberta Printing Department

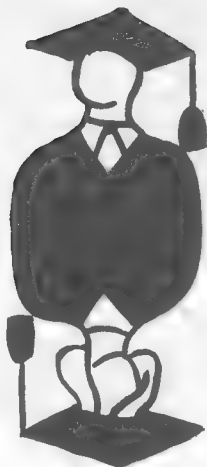
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on the campus



With the printing of this issue of *The New Trail*, some 4,100 summer school students will have left the campus after spending six weeks at diligent study.

In addition to their academic program, the students were offered a variety of recreational activities ranging from fast-ball games to concerts and drama. According to **Dr. J. W. Gilles**, director of the summer school, about 90 per cent of the students were teachers, an increase of about 400 over last year.

It has been estimated by the registrar's office that about 11,300 students will enroll at the University this fall. This would be an increase of more than 1,000 over last year. In round figures, it is anticipated this will include about 10,000 undergraduate and 1,300 graduate students.

The faculty of education will continue to be the largest, with an expected enrolment of 2,985, an increase of about 260 over the 1965-66 figures.

One of the delightful diversions on the campus this summer was a chicken barbecue, which attracted 4,000 guests on the mall north of the Administration Building. This was the second time round for the barbecue, which is sponsored by the campus food services department.

Four weekend study courses for teachers of biology and natural science were scheduled during the summer by the department of extension. The series included studies of geology of the foothills and front ranges of the Rocky Mountains, plant and animal associations, and birds and mammals of the Edmonton area.

Thirty-two Thailand school administrators participating in a one-year training program at the University will arrive in September. They will be trained in the fields of educational administration and

vocational education. It is expected the group will include about 20 women and 12 men.

There have been a number of important symposiums on the campus during the summer. Among these was one dealing with the molecular structure of viruses, and another having to do with analytical chemistry, sponsored by the American Chemistry Society.

At the largest meeting of surgeons in the world, to be held in San Francisco in October, the Dean of Medicine, **Dr. Walter C. MacKenzie**, will be installed as president of the American College of Surgeons. Dr. MacKenzie becomes the fifth Canadian to serve as president of this body. He will deliver the incoming president's address, "Our Destiny Is to Build," to the 52nd annual clinical congress of the College.

Tenders have been called and construction should begin shortly on what will be the largest building complex on the campus.

The five-section biological sciences complex, estimated to cost \$17,000,000, is scheduled for completion in June of 1968.

The 583,000-square-foot complex, to be located in the northwest corner of the campus near Saskatchewan Drive, will consist of five inter-related units, including a 12-storey tower. The first stage of construction is to be a five-storey genetics wing.



The United Grain Growers has awarded, through the Alberta Agricultural Trust, a \$5,000 John E. Brownlee Memorial Research Grant to the University to support a study of farm trends and prospects being carried out by the Department of Agricultural Economics.

Dr. C. F. Bentley, Dean of Agriculture, seen left, received the grant on behalf of the University from **Allan Smith**, Red Deer, UGG director. He stated that it would be used for further research on the economic growth and adjustment potentials of Alberta agriculture.

The farm trends and prospects study, which has been underway for the past 20 months, concerns the changing demands for farm products and the production potentials of Alberta agriculture in supplying this demand. Further work will be done on the adjustments needed in production and marketing to meet changing demand and supply conditions. The research is designed to provide valuable background information for economic development and adjustment programs in agriculture.

alumni



'34

Central figure in the British seamen's recent strike controversy was **Baruch "Bert" Ramelson**. Prime Minister Wilson said Ramelson was a "key figure" in a bid by the British Communist party to take over control of the seamen's union.

'37

S. A. Carlson received a Master of Arts degree in Philosophy of Religion at recent commencement exercises held at the University of Southern California.

'40

Dr. John E. Bradley has been named chairman of the Board of Governors of The University of Alberta.

'43

A supervisor in the provincial livestock branch **W. C. Gordon**, has been appointed livestock commissioner for Alberta.

Dr. J. D. Lazerte has been promoted to manager of fluorochemical research and development in the chemical division of 3M Company, St. Paul, Minnesota.

A new appointment to the department of dairy science at the University is that of **J. Grant Armstrong** from the food research information department of the Canadian Department of Agriculture.

'45

Dr. Hu Harries, dean of business administration and commerce at the University has been appointed chairman of the board of Alberta Phoenix Tube and Pipe Ltd..

Ronald C. Richardson has been appointed supervising engineer with Chevron Standard Ltd., with headquarters in Calgary. Another appointment in the same company is that of **J. Zebbe** '50 to the position of division superintendent.

'46

A longtime Alberta educator, **Henry G. Ward**, has assumed the presidency of the Rotary Club of Edmonton.

'48

Prof. H. Murray Herlihy, chairman of the department of economics at Lake Forest College, will spend the next year on sabbatical leave continuing research on a comparison of occupational wage structures in the United States and Canada.

A public school board employee for 15 years in Calgary, **Dr. Carl Safran**, has assumed new duties as superintendent of special education services.

British American Oil has announced the appointment of **R. N. Taylor** as manager of the geology, production department, with headquarters in Calgary.

F. J. Mair has been appointed treasurer of the Hudson's Bay Oil and Gas Company Ltd.

'49

The senior psychologist with the armed forces, **Col W. R. N. Blair**, director of personnel selection and research in Ottawa, has been appointed professor and psychology department head at the University of Calgary.

C. L. Usher, supervisor of 4-H clubs for Alberta, was recently named deputy minister of Youth for the province.

'50

A Doctoral degree from Michigan State University has been conferred on **Pius Weisgerber**.

Howard G. Atkin has been named assistant-chief bridge engineer for Alberta.

The Canadian Federation of Medical Women held meetings recently in Edmonton at the time of the Canadian Medical Association Convention. One of those present was **Dr. Amy Fong**.

'51

School teacher **Ronald Harvey** just isn't cut out for the cozy urban life. The happy wanderer is off again to Africa. For the past two years he has been on the staff of the junior secondary school at Duncan, B.C. This summer he answered the call of the Canadian government's external aid program, and has left to join the staff of a teaching college in Nigeria.

McGill University is justly proud of the opening of a new High Polymer Laboratory for the education of graduate students in polymer chemistry and research. The New Trail is proud to announce that the first head of the new laboratory is **Dr. Leon E. St. Pierre**, recognized authority on polymer and surface chemistry.

Ivan L. Head, staff member of the faculty of Law, is one of a team awarded a substantial Ford Foundation grant. A four-year project is to be undertaken, and a study made of "international procedures to protect private rights." Terms of the grant will require Professor Head to conduct field studies in Britain, Australia, Asia, Africa and the Caribbean.

'55

Dr. J. Miller has been appointed orthopedic surgeon-in-chief at the Montreal General Hospital and associate professor of surgery at McGill University.

'56

The Hudson's Bay Oil and Gas Company has announced the appointment of **R. F.**

DEATHS

Dr. G. M. Dunlop '31—Head of the department of Educational Psychology at the University since its inception in 1950.

Prof. D. Wayne Woolley '35—A member of the staff of Rockefeller University and an internationally known authority on vitamins, hormones, and enzymes. Doctor Woolley received an honorary Doctor of Laws degree from the University in 1935.

Rev. W. E. Edmonds '55—Historian, educationist, clergyman and author who received an honorary Doctor of Laws degree from the University in 1955.

Haskayne to the position of controller of the company.

'57

William J. Myers has been appointed drilling engineer with Gustavson Drilling Ltd.

'58

The Canadian Salt Good Roads Scholarship for 1966-67, sponsored by the Canadian Good Roads Association has been placed with **Calvin A. Noble**, who is currently assistant professor of civil engineering at the University of Saskatchewan. He is one of six Canadians to receive post-graduate scholarships this year in CGRA's program to promote the highway sciences.

Another recipient of a similar award is **Frederick Williamson** '59, an instructor in the engineering sciences department at the Northern Institute of Technology in Edmonton.

'59

Schlumberger of Calgary has announced the appointment of **M. E. Gray** to the position of senior field staff engineer, Calgary headquarters.

'61

One of the new appointments to the faculty of engineering announced by Carleton University is that of **Peter Janzen**.

There was a trip to Moscow recently for **Lawrence Mysak** who, along with 200 other scientists, attended a Second World Conference of Oceanographers. Lawrence was representing the graduate students of Harvard University, where he is completing a Ph.D. degree this year in applied mathematics.

William R. Blain has joined Knowlton Realty Ltd., Edmonton, as a sales executive.

'62

A former vice-president and president of the Wauneita Society while on campus, **Sonia M. Kulka**, has been appointed convention service co-ordinator for the Atlanta Convention Bureau. Miss Kulka will be involved in the co-ordinating of women's group entertainment and special events, as well as the publication of the Convention Digest in Atlanta.

The new assistant to the minister at Norwood United Church in Calgary is **Rev. David Beckwith**.

'63

Ralph C. G. Haas has been awarded the Warren Bituminous Good Roads Scholarship for 1966-67 by the Canadian Good Roads Association. Mr. Haas is a member of the faculty of engineering at Carleton University.

'64

Ronald M. Clowes is among 150 Canadians who received post-graduate research fellowships recently from the International Nickel Company of Canada Ltd.

A great believer in the eye bank is **Thomas P. Toombs**, who has weathered successfully two cornea transplants in Toronto. Mr. Toombs is currently undertaking some research concerning new trends in suicidal behavior. He is hoping to enter graduate study shortly and continue research in industrial and social work.

James Owen Ramsey has been awarded a Ph.D. degree in Psychology from Princeton University.

'65

Dr. John C. Stevens has been appointed a resident in internal medicine at the Mayo Graduate School of Medicine in Rochester.

'66

Mrs. J. Deorksen, who was awarded the Milton Ezra LaZerte Gold Medal and Scholarship for highest general proficiency at spring convocation, is making her home in Grand Falls, Newfoundland.

GEORGE MURRAY DUNLOP

It is our very sad duty to report the untimely death on July 12, of Dr. G. M. Dunlop.

Professor Dunlop was born in Saskatchewan where he obtained his elementary and high school education and later graduated with a B.A. from the University of Saskatchewan. Subsequently he took his M.A. from Alberta and his Ph.D. from Columbia. He joined the staff of the Edmonton Normal School in 1928 and has been intimately associated with teacher education in this province ever since. Prior to 1928 he taught in Alberta and served briefly also as Inspector of Schools.

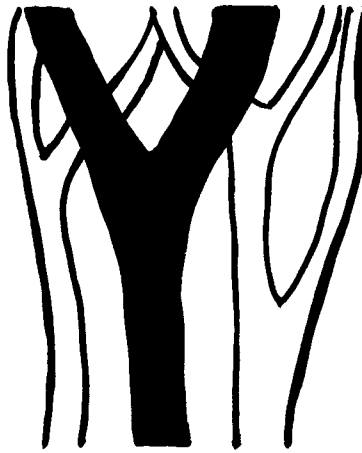
The Summer Session owes a great deal to Dr. Dunlop. He was its Director from 1947 to 1950, relinquishing the position to become head of the newly established Department of Educational Psychology. During the past sixteen years it has been a rare Summer Session indeed that has not found him on campus actively supervising the activities of his department and usually teaching a course himself.

Untold numbers of students will best remember Dr. Dunlop as a vigorous and dedicated teacher. In spite of an increasingly heavy burden of administrative responsibilities associated with a rapidly expanding department with heavy graduate commitments, he has continued to carry an unusually heavy teaching load. It was indeed typical of the man that in spite of illness, more serious than he realized, he struggled to class on the first two days of the current Summer Session. In fact his last service, given at immense cost to himself, was to return to his office last Wednesday morning to brief a substitute instructor so that his students would be reasonably well prepared to face their preliminary examination. He was fatally stricken that afternoon.

Dr. Dunlop planned to retire at the end of August. His many friends and acquaintances will regret that he was not spared to enjoy at least a few years of retirement. To his wife, Gwen, and his son, Richard, and his family we send our sincerest sympathy.

—Reprinted from Daily Bulletin, Vol. 48, No. 9, Summer Session 1966

branches



Vancouver

During 1965-66 the Vancouver branch held two major functions. The executive as well held two dinner meetings and five other meetings or rehearsals. Last year at the annual meeting in Edmonton Dr. Johns indicated that he would be in Vancouver in October. Around his visit we organized a "Wine & Cheese Tasting Party." It was held on the U.B.C campus at the Graduate House. It was a most successful event with 120 attending. Both Dr. and Mrs. Johns were able to attend and Dr. Johns talk on the "University of Alberta and his trip to Japan" was the highlight of the evening. We were also fortunate in having Mr. Herb Capozzi of our roaring B.C. Lions and a member of the Calona Wine Capozzi family. He gave a very interesting talk on the wine industry, its types and uses. Vancouver really showed its liquid sunshine for it really poured that day and night.

Our second gathering was our Annual Spring meeting held at the Vancouver Lawn Tennis and Badminton Club on March 31st. Our guest speaker was Dr. Patrick McTaggart-Cowan, President of Simon Fraser University. He gave a most interesting and informative talk on the semester system, new trends in education and of the problems in Simon Fraser University in the seven months of its operation. It was followed by a short business meeting, election of officers and a real lively sing-song in gay '90 atmosphere and costumes.

I mentioned earlier that the executive had an organization meeting before each major event plus three rehearsals to bring top quality entertainment to our members.

Victoria

Under the most capable leadership of Miss Maimie Simpson the Victoria branch of the University of Alberta Alumni As-

sociation again enjoyed an interesting and varied program.

During the year our branch met five times.

In May, by kind permission of Captain William Hayes, then Commandant of Royal Roads, we held a most successful tea in the Ward Room and enjoyed a tour of the gardens in all their spring glory.

Our family picnic in August in the lovely grounds at the home of Professor and Mrs. Carl Hare was a happy gathering of forty-three adults and twenty-six children. Games were provided for both the adults and the children, the highlight being a treasure hunt.

The autumn meeting in November was again held at the lovely home of Professor and Mrs. Carl Hare when fifty-four members were taken "Around the World in One Hour." Mr. Jack Syme showed his lovely colored slides of his trip to Holland, and Mr. and Mrs. Leon Shearer showed pictures of Japan and the Hawaiian Islands.

To add to the gaiety we sang old Varsity songs and other old favorites. The report of Mrs. Nova Graham, our delegate to the annual meeting of the General Alumni Association held in Edmonton in May was read by our secretary, Dr. Beth Brunton, in the absence of Mrs. Graham. An enjoyable coffee hour followed.

A theatre party was held in January with seventy-four members in attendance. The evening began with a dessert and coffee party in the Green Room of the

Excerpts from alumni branch reports included on this and subsequent pages were submitted by branch representatives at the twenty-seventh Annual Council Meeting of the General Alumni Association.

Phoenix Theatre on the University of Victoria campus.

The play "Venus Observed" by Christopher Fry was directed by Gil Bunch of the staff of Brentwood College. It was a very finished production with our own Carl Hare in the lead role of the Duke, and was thoroughly enjoyed by all.

In March our annual meeting was held at the Dominion Astrophysical Observatory on Observatory Hill, Saanich, guests of Dr. and Mrs. R. M. Petrie.

Following the business portion of the meeting held in the classroom block, we all enjoyed a look at the planet Jupiter through the giant telescope in the dome, and heard a most interesting talk by Dr. Petrie as we awaited our turn.

We are again looking forward to another successful year under the leadership of a new executive, president—Mrs. H. R. Turner; vice-president—E. B. Wilkins; secretary—Mrs. B. Myhre; treasurer—Mrs. Lorne Ebell; social convenor—Mrs. J. A. Turner.

A most enjoyable coffee hour followed at the home of Dr. and Mrs. Petrie a few yards away from the Dome.

We were greatly saddened by the news of the sudden death of Dr. Petrie in mid-April shortly after our most enjoyable meeting as his guests.

We wish to thank you for awarding us the Burgess Cup for last year. It was an unexpected surprise and gave us all great pleasure, especially the executive who took turns displaying the cup in their homes.

Toronto

The Toronto Branch has had the pleasure in the last year to be hosts to a number of undergraduates of the University who spent a weekend attending the Vanier Cup Football Game. We lost the game—the weather was miserable but the team played well. We were proud of the band and cheer leaders too. After the game the Toronto Branch was host at a coffee party.

Other activities during the year were our Spring Tea held at Wymilwood—a part of Victoria College of the University of Toronto. President Clarence Gerbrandt reported on the General Alumni Association meeting held in Edmonton. He also had coloured slides of the Edmonton campus and of our annual picnic on view. The Family Picnic was held at Toronto's Centre Island in September. A clown in Alberta colours met the boats that brought families to the park. We welcomed over a hundred parents and children to this event. In November we were fortunate to have Dr. F. Robinson of the Ontario

Institute for Studies in Education speak at our annual dinner. We met in the Alberta Room at the Royal York Hotel. Dr. Robinson explained the concept behind the formation of this new institute and expressed his views of the place that it will take in basic research into educational problems in Canada.

In March the Western Canadian Universities held an alumni dance at the Queen Elizabeth Building at Exhibition Park in Toronto. Mrs. Fred Heath of the Toronto branch is the permanent secretary of the council formed by the three Universities. Much of the success of this activity is due to the continuity that she adds to the organization.

In addition to these five activities there have been five meetings of the executive committee of the Toronto branch. This committee carries out the basic planning of all activities in the Toronto area. They are assisted by a phoning committee who contact all alumni in the Toronto area. From their reports we know that Alumni move frequently and that the telephone company changes phone numbers frequently. It is through their efforts that our registrar is notified of many of the changes in the Toronto area.

We spent considerable time drafting a letter to the Canadian Save The Children Fund commenting on the lack of communication about arrangements for the Vanier Cup Football Game and we made the suggestion that they contact various alumni groups across Canada for their support and active participation well in advance of the date of this event.

Ottawa

It has been the custom of the Ottawa branch, over the past few years, to hold only one meeting, in the Spring, usually in March or April. At the annual meeting this year, questionnaires regarding the desired number and form of meetings per year were circulated. As the majority seemed to favour one meeting in the spring and one in the fall, the new executive will do their best to implement the suggestions.

The annual University Ball was held in February. This is held each year to provide first year University bursaries for three Ottawa high school students. Mrs. Donna Coram is our representative on the planning committee, and a number of members attended this glittering social function. The guest speaker this year was Dr. John Convey, Director of Administration, Mines Branch, Department of Mines and Technical Surveys, who is an Alberta alumnus.

The executive met early in March to plan the annual meeting. At the invitation of the President, this meeting was held at the Ottawa Hunt Club, in most pleasant and spacious surroundings. A nominating committee was appointed, and a discussion was held of ways and means to make our branch more active. One of the things which was done following this meeting was a concentrated effort on the part of

our secretary, Mr. Harry Leggett, to bring our mailing list up to date.

The Annual meeting was held in April at the Civil Service Recreational Association Center. A small but enthusiastic crowd attended. One of those attending was Mr. Henry Spencer, 82, a former Alberta M.P. who was in Ottawa visiting his daughter. A short business meeting opened the evening. Our treasurer, Mr.

DR. EVAN GREENE

Dr. Evan Greene was born near Ottawa, coming from an old Irish family. He was old enough to remember the state funeral of Sir John A. Macdonald, and the terrific thunderstorm that marred the occasion.

Graduating in medicine from McGill University, he started his medical practice on the border between Quebec and Vermont, seeing patients from both sides of the line. He remembers that the Vermonters were more willing to pay with barrels of apples than with money.

Then he went West, like so many others, and hung out his shingle in Strathcona (South Edmonton). The first spring he was here was so early that farmers plowed in March. He thought it would always be so, but soon learned better. He built a large brick house on 105 Street, south of Whyte Avenue. That street was then the western edge of town.

This was the year of the coronation of Edward VII. The coronation was delayed by an emergency operation for appendicitis. Dr. Greene had read about this new disease and recognized a case in his practice. With no facilities other than those found in an average home, he performed the first appendectomy in Edmonton. The surgeon who performed the operation on the King was knighted; Dr. Green was lucky to get a small fee.

About this time Dr. Tory was in town to discuss the founding of a University with Premier Rutherford. Dr. Greene and other local notables gathered in the Selkirk Hotel. After some talk, an adjournment for drinks was proposed. Now Dr. Tory was a teetotaler, but he could not let that prejudice stand in the way of higher education. So he hurriedly whispered to Dr. Greene, asking which kind he should take.

Dr. Greene was overseas doing graduate work in London when the First World War broke out. He joined the British medical service, and later transferred to the Canadian forces. He saw service in Egypt and Greece.

Returning to Edmonton, he became the chief assistant to Dr. Mewburn, the first professor of surgery of the new medical school. He was then the co-founder of the department of surgery of our medical school.

Dr. Greene's early connection with the department of anatomy grew out of his surgical interests. He gave a course in applied surgical anatomy. With the death of Dr. Mewburn he became the full time teacher of anatomy, and taught the subject until his retirement. His teaching methods were that of Huxley. He preferred to gather a group of students around a cadaver and bring the students into contact with fact, and to point out what each fact would mean to them in their later career. Lectures were secondary.

Like many anatomists he became interested in the rapidly expanding science of anthropology. He spent some time in London learning the techniques of the science, and on his return made an extensive study of Indian skulls.

His spare time went into a wonderful flower garden.

Jacobson reported a bank balance of \$123.68. Mrs. Davis reported on the General Alumni meeting of May, 1965, at which she was our delegate.

The new executive for 1966-67 is as follows: President—Mrs. R. I. (Verona) Milner; Vice-president—Mr. Harry Leggett; Secretary—Mr. G. F. S. (George) Davis; Treasurer—Mr. Joe Jacobson; Councillors—Mrs. R. (Velma) Rust, Mr. D. W. (Bill) Owens.

Mrs. R. I. Milner was named as delegate to the General Alumni meeting in Edmonton May 7th. We were fortunate to have Dr. Johns visit Ottawa later in April, and the executive had a leisurely luncheon visit with him and were able to get caught up on news of the Edmonton campus.

Calgary

In one sense it seems that the Calgary Branch was relatively inactive during the past year. On the other hand several executive meetings were held and the chairman seemed to be involved in a number of matters.

With the formation of the University of Calgary Alumni Association a year ago (which I consider to have been my primary objective personally) the main objective we had for the past year was to support the University of Calgary Alumni Association as required, and part of this support was to let them have the spotlight as much as possible. The Acting President of the U. of C. Alumni attended several of our meetings.

The chairman along with representatives from Edmonton, attended the presentation of \$6,000 of amenities to the U. of C. student's residences. He also attended the Special Convocation for the installation of Dr. H. S. Armstrong, as first President of the University of Calgary, and the festivities and dinner that followed.

The Chairman was named a member of the committee under Judge Bruce Whitaker to consider the formation of a Joint Alumni Council.

The chairman for the coming year will be Mr. Cambie C. Gillespie, ably assisted by Mr. Ken Oliver, who is continuing as Secretary.

I would like at this time to express my appreciation and thanks to those in Calgary who have been such a help, particularly R. B. Bannerman. There has been excellent liaison between Edmonton and Calgary, particularly during the past couple of years, and this is most commendable. In this connection special mention is made of the advice and assistance of Mr. A. G. Markle, whom we all know is the man who does most of the work. And of

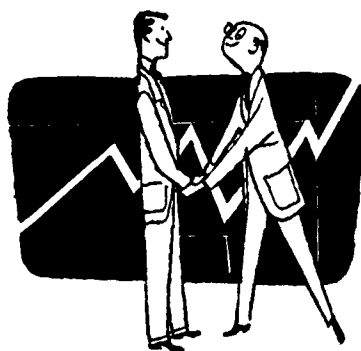
course there are many others.

I have enjoyed working with the Alumni Association for many years now and I have appreciated the confidence placed in me in recent years: I regret I have not done more but I hope what little I have done is of some value. I wish the association and its officials every wish for continued success.

Grande Prairie

Several years ago, the Grande Prairie branch of the University of Alberta alumni became part of a much larger organization, the Peace River District Graduate Association.

Our members are principally from Grande Prairie, but a good number travel from Beaverlodge, 30 miles to the west, Fairview, 70 miles to the north, and Fahler, 85 miles to the northeast. At one time, our group was strictly U. of A. alumni, but since our numbers were relatively small, and many of the local graduates were non U. of A. graduates, we found it more advantageous to merge into a larger group. In this manner we were able to include graduates from many overseas Universities.



Among our members are graduates from the University of London, Manchester, Edinburgh, and South Africa. Without doubt our alumni group would have collapsed if we had not assimilated these "outside" graduates into our society.

It would be worthwhile to note that in Beaverlodge there are seven men holding Ph.D.'s and I believe few centres could boast of having as many highly qualified men.

The aims and objectives of the Graduate Association are (1) The pursuit of truth and knowledge and (2) a dedication to service. With these ideals in mind, our association has undertaken a variety of projects which have been fairly successful.

The Association was instrumental in the establishment of a Junior College in Grande Prairie. The Junior College is now a reality, as it is about to begin operations with the fall session. The distances to Calgary and Edmonton from the

Peace River area are great, and it can be easily seen that this new institution will be a valuable asset to the young people of this district. We in the Peace Country look forward with much excitement and anticipation to the opening of our new Junior College. The Junior College owes a debt to a number of dedicated and hard working members of the Peace River District Graduate Association, who promoted the idea of a junior college for Grande Prairie.

A scholarship fund for needy and worthy students has been established for several years. The first award was made in 1965 to Miss Pauline Hudz of Sexsmith.

In order to help the Junior College develop its library facilities, a library fund has also been established. Various industries and professional people are making contributions to this fund and we are hopeful that much can be done for this worthwhile project.

The Science Fair committee of the Graduate Association have staged two very successful Science Fairs in 1965 and 1966. The committee headed by Mr. Stacey, former head of the Beaverlodge Experimental Station, arranged the program, finances, billeting for participating students, and made arrangements to send the winners to Winnipeg for the National Science Fair.

In 1965, the winner Robert Brasel of High Prairie, won the Canadian Dental Association Award when he placed first in the biological science section for his project "The effect of environment on bacterial growth".

In 1966, three students are being sent to the Canadian Science Fair which will be held May 12-14. The quality of their projects is high, and we are optimistic about their chances of success this year.

The Science Fair is open to this entire Peace River region, including the B.C. block. This year students travelled from mile 101 Alaska Highway, Peace River, High Prairie, Fort St. John, and Dawson Creek. The majority of the entries were comprised of local students.

In April, 1965, a number of graduates participated in a C.B.C. panel discussion to probe the various aspects of the Hall report on Medicare. This program, in which our members participated, was part of a series heard on the trans-Canada network.

Our Graduate Association, in conjunction with the Extension Department is sponsoring the lecture series which is held throughout the province. The two most recent speakers, Drs. Lupul and Green were well received by good audiences.

Dr. Green was well utilized as he spoke to 600 students the morning after his evening lecture.

Finally, all has not been work as various social events were held. Since the organization is comprised mostly of professional people, we have the unique arrangement whereby the various professions sponsor an evening. For example, the teaching profession brought in Dr. Rees to represent education, and the dentists had Dr. McPhail speak on the many aspects of dentistry.

In this manner we learn much and achieve a better understanding of the various professions.

Nurses Alumnae

A few changes were made in the constitution and in the structure of the association. Five meetings were held and two receptions for new graduates and their families and friends.

The Alumnae scholarship for 1965 was awarded to Miss Rene MacElroy. The University of Alberta School of Nursing Alumnae Prize for outstanding merit in theory and practice of nursing in the intermediate year was awarded to Miss Elaine Cissell. The Alumnae Association of Winnipeg Prize for outstanding merit in the junior year was awarded to Miss Elaine Schneider. In September, 1965, there were 2,000 graduate nurses from The University of Alberta School of Nursing.



The second prize winner of the Canadian Association of Physicists annual Alberta Prize Examination for 1966 was Douglas Straus from Austin O'Brien High School in Edmonton.

Douglas, seen here with Professor H. Schiff, Department of Physics, was born in Regina and graduated from junior high school with honors. He currently has plans to take engineering.



FROM OUT OF THE MIST

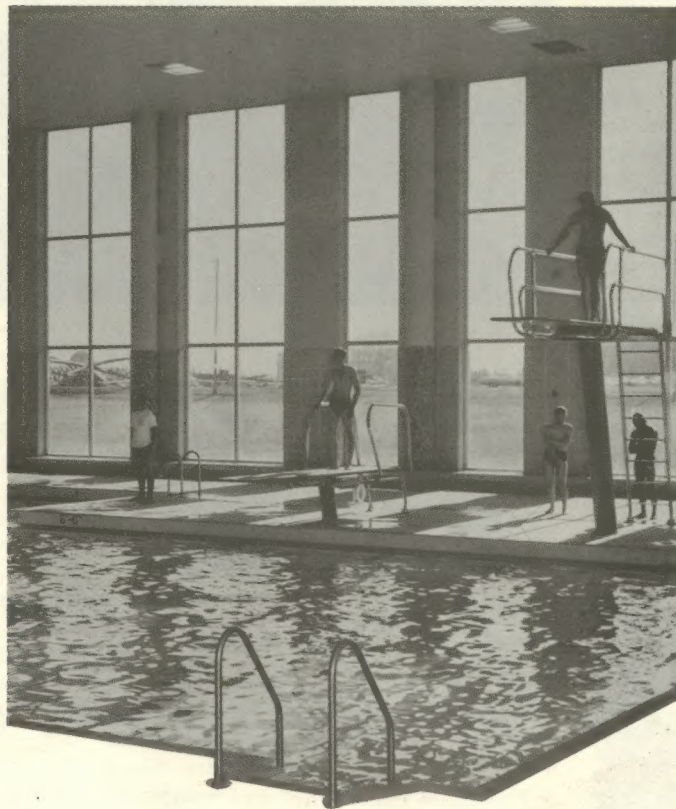
Almost a scene from battle—with the gallant Scottish pipers marching unflinchingly into the smoke of conflict. In fact, it is the Edmonton Policemen's Pipe Band advancing through the barbecue smoke and entertaining the multitude who converged on the campus for the annual outdoor affair held earlier this summer.

Study of Canadian Academic Libraries

The most comprehensive study of academic library resources ever undertaken in Canada was launched in June by the Association of Universities and Colleges of Canada and the Canadian Association of College and University Libraries. Financed largely by a grant from the Canada Council, the study will look into present resources of university and college libraries, co-operation between libraries, the possibilities for automation in libraries, administrative practices, services offered by academic libraries, and financial support. It is intended that the report will offer guidelines for academic library development to 1980.

A team of four will undertake the study. Director of the team is Dr. Robert B. Downs, Dean of Library Administration of the University of Illinois.

Associated with Dr. Downs in the study will be Bruce Peel, Chief Librarian of The University of Alberta. Mr. Peel is author of *A Bibliography of the Prairie Provinces to 1953* and co-author of *The Saskatoon Story, 1882-1952*. Mr. Peel is president of the Canadian Association of College and University Libraries and a member of the National Research Council's Associate Committee on Scientific Information.



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for
ALUMNI AND FAMILIES
in the
CAMPUS POOL

FRIDAYS
8 - 9 p.m.

Admittance Cards obtainable
on Request from Alumni Office